

**Appendix B****SUPPORT REQUEST INFORMATION**

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This appendix addresses the key elements of information that should accompany a request for prime power support. The prime power unit uses this information in formulating a preliminary assessment and support plan. The requestor speeds the support process by providing detailed, accurate information regarding power needs. The requester should provide—

1. General information:

- a. Unit. The requesting unit designation or activity.
- b. Location. The location of the requesting unit and the exact location where support is needed.
- c. Point of contact (POC). This should be a responsible individual who is knowledgeable of the requested support requirements. Also provide telephone numbers or other means of contacting the POC.

2. Description of support required:

- a. Nature of support. Describe the nature of support needed and the general situation prompting the request.
- b. Special conditions. Describe any special conditions that may affect the support request. Special conditions may include potential hazards; unusual voltage, current, or frequency requirements; or special grounding or protection requirements. Also, state any special considerations that affect the level of reliability required.
- c. Site layout. Include a sketch or drawing showing the site layout for the requested support. If possible, the sketch should be to scale and should show linear distances between load connections.
- d. Load estimate. Provide an estimate of load requirements for each separate load. If a load estimate cannot be given, state the type and quantity of devices being powered. If possible, state the voltage requirements.

3. Required time frame: State any time factor pertinent to the support request such as the earliest start time, the latest completion time, and the expected period of duration support is required.

4. Availability and accessibility of commercial power, TACGENS, and nonstandard generators: State the location of the nearest commercial distribution feeder. Provide information on the availability of TACGENS and nonstandard generators.

Figure B-1 depicts a sample information enclosure.

Enclosure to request for prime power support.

1. General information:

a. Requesting unit: 952nd ASG

b. Location: Unit location—group HQ is near the intersection of Fester Cletus Freeway and Homer Buford Boulevard, on Royal Air Force Base (grid coordinates AM463988). Support location—adjacent to group HQ.

c. POC is MAJ Kirk, commercial 123-456-7890.

2. Description of support required:

a. Nature of support. The Camp Carla Belle base camp is to be expanded. Expansion will include addition of 80 GP medium tents for living quarters, 6 portable shower units, 10 commercial-type trailers for offices and dental clinic, a PX trailer, and a host-nation-operated fast-food stand. Needed support includes expanding the existing secondary distribution network and connecting to existing commercial power to accommodate this new growth.

b. Special conditions: The dental clinic will have an X-ray machine. The operating voltage of this machine is, at present, unknown.

c. A sketch of the planned site layout is attached.

d. Load estimate. Each tent will have 6 incandescent lights and 6 duplex outlets. Outlets will operate fans and personal devices. Each office trailer has 8 fluorescent light fixtures, 6 duplex outlets, and 2 small window air conditioners. The outlets will be used primarily for office equipment and machines. The shower units each have 10 incandescent light fixtures, 8 duplex outlets, and an electric 100-gallon water heater. These duplex outlets have ground fault current interrupt (GFCI) protection and will be used for shavers, hair dryers, and the like. The dental clinic has 8 fluorescent light fixtures, 1 X-ray machine, 6 duplex

**Figure B-1. A sample enclosure to a prime power support request**

outlets, and 2 small window air conditioners. The PX trailer has 8 fluorescent light fixtures, 4 large refrigerators, 10 duplex outlets, 3 small window air conditioners, and 10 exterior floodlights. The outlets are used for cash registers. The only known data about the host-nation fast-food stand is that it will have refrigerators, freezers, ovens, deep fryers, and a grill—all electric. The only known data about voltage requirements is that the lights and outlets are 120 volts.

3. Time frame. The group commander has mandated that the base camp be habitable NLT 15 July. Construction is scheduled to begin on 18 June.

4. Available power sources. Camp Carla Belle is currently powered off the commercial grid. The distribution feeder comes in from a buried system along Fester Cletus Freeway to four distribution transformers in Camp Carla Belle. Total and unused capacity of these transformers is not known. The group HQ has a 75-kW generator for use in the event of power failure.

**Figure B-1 (cont.). A sample enclosure to a prime power support request**

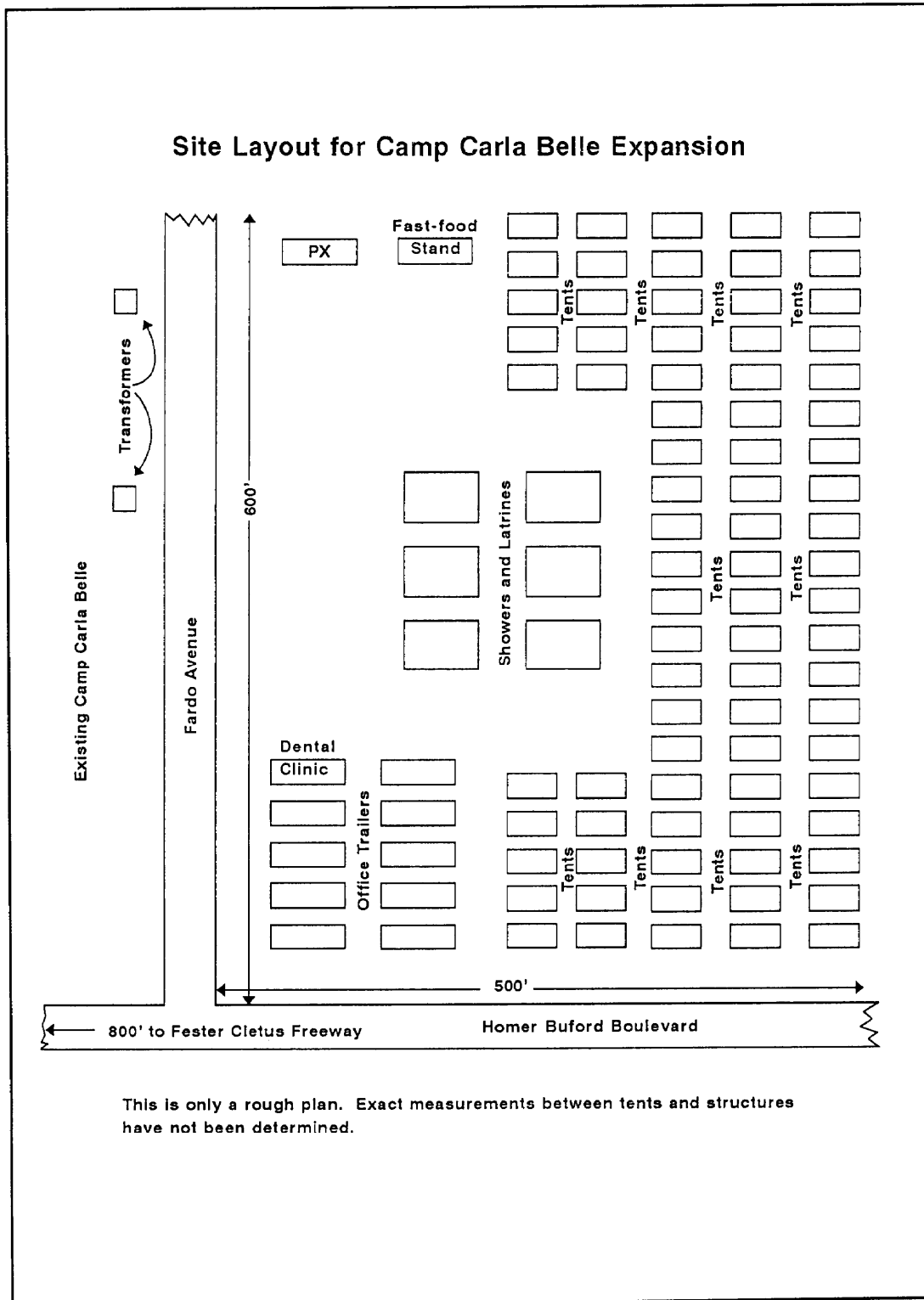


Figure B-1 (cont.). A sample enclosure to a prime power support request